

Converting Colors

Android(4280835456)

Have a look what the booklet for
Android(4280835456) contains.

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Color

Android(4280835456)

Conversions

Conversions Part 1

Format	Color
Hex	285D80
RGB	40, 93, 128
RGB Percent	16%, 36%, 50%
CMY	0.8431, 0.6353, 0.4980
CMYK	0.69, 0.27, 0.00, 0.50
HSL	204°, 52%, 33%
HSV	204°, 69%, 50%
XYZ	8.6857, 9.8383, 21.8633
YIQ	81.1430, -42.8230, -0.3510

Conversions

Conversions Part 2

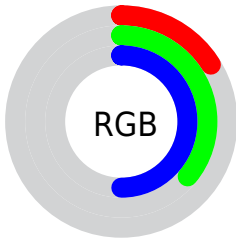
Format	Color
RYB	40, 73, 128
Decimal	2645376
CIELab	37.55, -5.61, -24.79
CIElCh	38, 25.414, 257.248
Yxy	9.8383, 0.2151, 0.2436
Android (android.graphics.Color)	4280835456 (0xFF285D80)
YUV	81.1430, 23.1005, -36.0824
Hunter-Lab	31.3661, -5.4616, -19.3709

Details

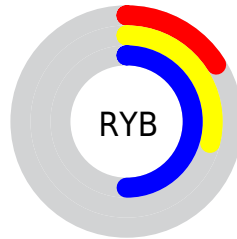
The Android color `4280835456` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286597928`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284518325`, and `4278202191` is the 20% darker color. If you saturate the color by 10%, you get `4279982208`, and if you desaturate by 10%, it is `4281688704`.

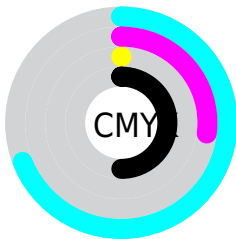
Distribution



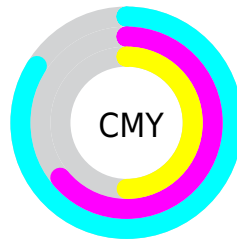
- Red (16%)
- Green (36%)
- Blue (50%)



- Red (16%)
- Yellow (29%)
- Blue (50%)



- Cyan (69%)
- Magenta (27%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280835456 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4280835456 by changing the saturation by 10% instead.

■ 4280835456

■ 4280835456

4294967295

■ 4278208103

■ 4284518325

■ 4278202191

■ 4286294737

■ 4278197048

■ 4288071149

■ 4278190626

■ 4289913343

■ 4278190088

■ 4291821055

■ 4278190080

■ 4293722111

■ 4280835456

■ 4280835456

■ 4279982208

■ 4281688704

■ 4279128960

■ 4282541952

■ 4278341248

■ 4283329664

■ 4278209920

■ 4284182912

■ 4285036160

■ 4285889664

■ 4286742912

■ 4287530624

■ 4288383872

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278215030



4280835456



4283258495

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4280835456



4286597197



4282605628

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4280835456



4286597928

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4284111664



4280835456



4286270779

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280835456



4286269794



4285355056



4280771407

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280835456



4284567929



4285355056



4283129399

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4280835456



4286814374



4280844362



4282338388



4292138196



4283716692

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280835456



4280053670



4280824448



4281941312



4278209920



4278190080

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4286589021



4289076335



4286608936



4282399037



4286578765



4278190080

Previews

White Background



This preview shows how the Android color 4280835456 looks on a white background.

Color Contrast Check

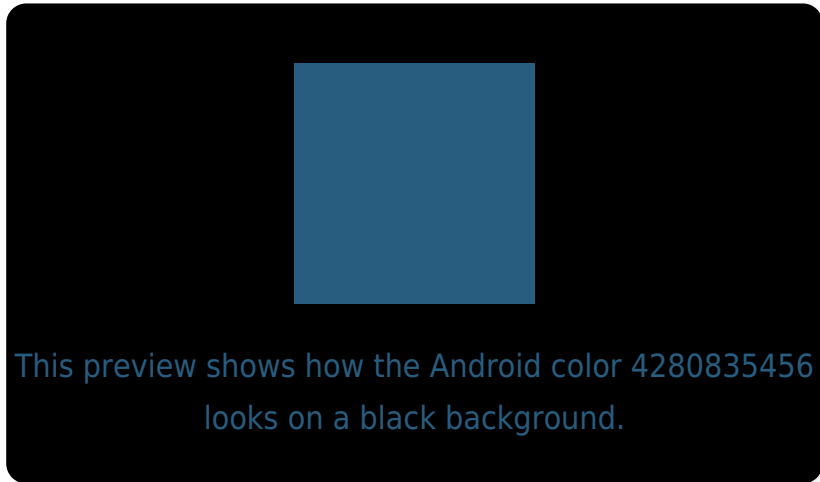
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280835456 Background



This preview shows how black text looks on a background with the Android color 4280835456.

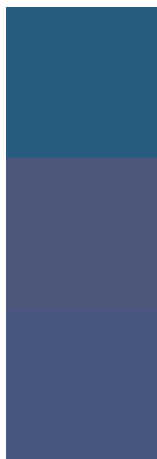


This preview shows how white text looks on a background with the Android color 4280835456.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4280835456

Protanopia

4283258747

Deuteranopia

4282865537

Trichromacy



Original Color
4280835456

Protanomaly
4282407293

Deuteranomaly
4282145153

Tritanomaly
4280180849

Monochromacy



Original Color
4280835456

Achromatopsia
4283519313

Achromatomaly
4282537314

CSS Examples

Text

The CSS property to change the color of the text to Android 4280835456 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(40, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(40, 93, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(40, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 93, 128) }
```

Border

The CSS property to change the border of an element to Android 4280835456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 93, 128) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(40, 93, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(40, 93, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 93, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 93, 128);  
box-shadow:4px 4px 4px 4px rgb(40, 93,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4280835456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 93, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(40, 93,  
128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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